

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007104.D
 Acq On : 14 Aug 2016 12:51
 Operator : UM/SJ
 Sample : H4387-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-0206-01

Manual Integrations
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Quant Time: Aug 15 14:50:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 10:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	267080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1070407	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	614503	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1453957	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1739410	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1894450	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	34898	5.71	ng/uL	0.00
5) Phenol-d5	6.97	99	705391	32.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	416133	33.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	576929	33.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	548178	30.79	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	281595	36.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	316674	38.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	586691	33.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	626950	30.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1750144	34.47	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2185251	35.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	268988	29.56	ng/ul	0.00
57) Fluorene-d10	15.43	176	1532121	34.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	235097	29.26	ng/ul	0.00
70) Anthracene-d10	17.28	188	2369178	35.17	ng/ul	0.00
76) Pyrene-d10	19.57	212	2724270	37.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	3047149	35.17	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.00	94	67052	2.94	ng/ul#	91
44) Dimethylphthalate	13.90	163	2178074	42.92	ng/ul	100
47) Acenaphthylene	14.16	152	348261	5.55	ng/ul	99
58) Fluorene	15.49	166	60452	1.24	ng/ul#	98
69) Phenanthrene	17.23	178	947667	12.12	ng/ul	100
71) Anthracene	17.32	178	278562	3.47	ng/ul	100
74) Fluoranthene	19.24	202	1752819	18.48	ng/ul	99
77) Pyrene	19.60	202	2453268	25.51	ng/ul	98
80) Benzo(a)anthracene	21.35	228	1402524m	13.65	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.29	149	105516	1.91	ng/ul#	96
82) Chrysene	21.40	228	1476054	15.72	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	1663332	14.57	ng/ul	97
86) Benzo(k)fluoranthene	23.00	252	567233m	5.29	ng/ul	
88) Benzo(a)pyrene	23.54	252	1363280	12.60	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.93	276	889321	6.71	ng/ul	97
90) Dibenzo(a,h)anthracene	25.94	278	245477	2.21	ng/ul#	93
91) Benzo(g,h,i)perylene	26.64	276	828183	7.39	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

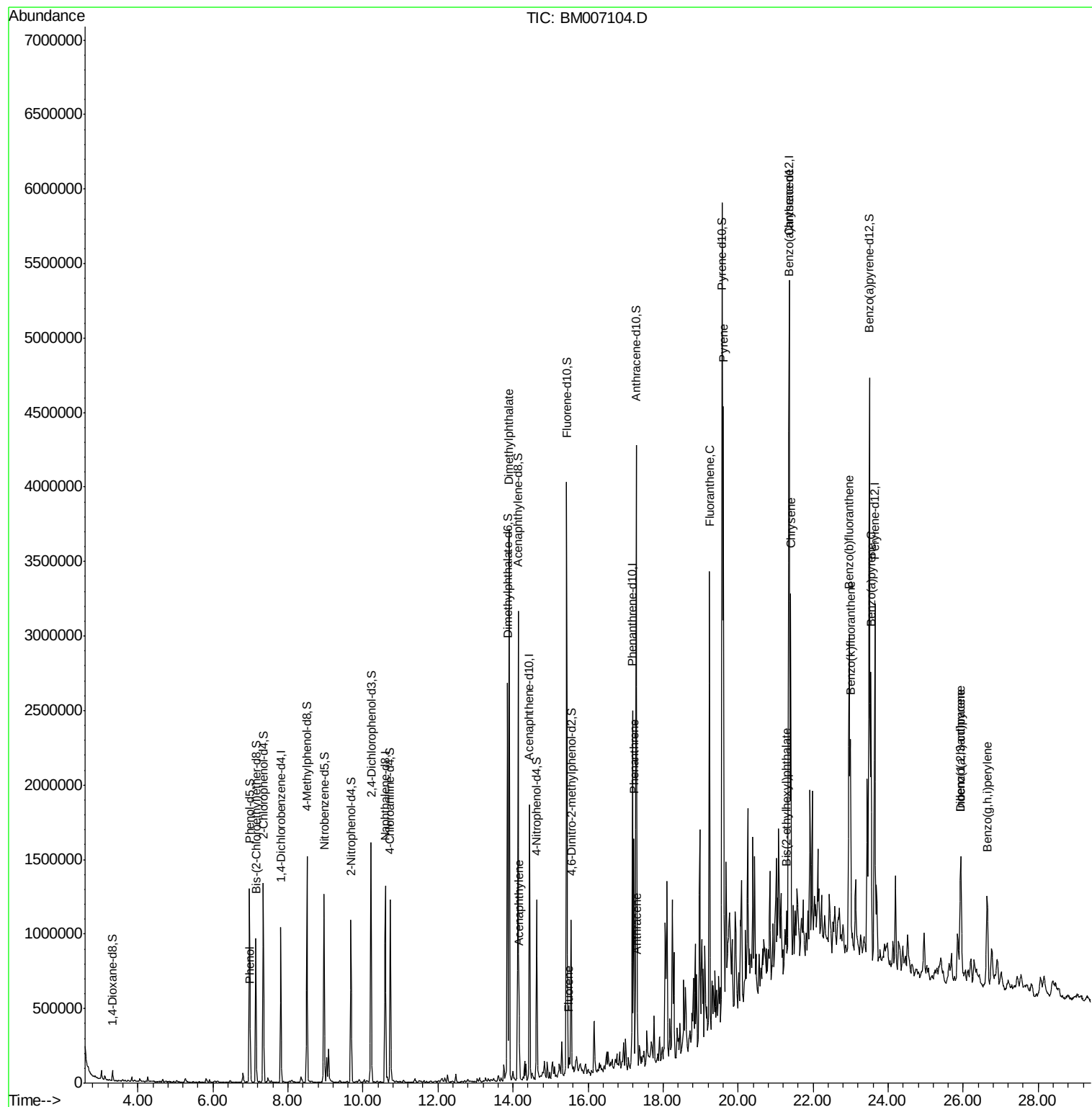
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007104.D
Acq On : 14 Aug 2016 12:51
Operator : UM/SJ
Sample : H4387-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

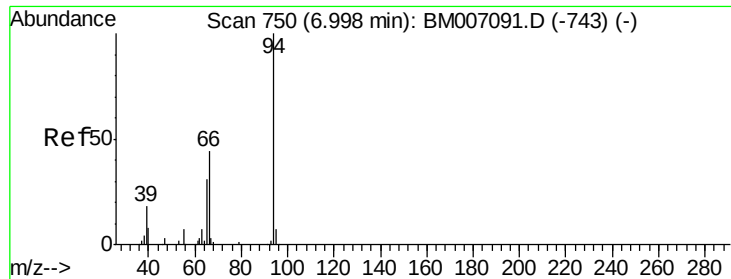
Instrument :
BNA_M
ClientSampleId :
P003-SS003-0206-01

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Quant Time: Aug 15 14:50:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.94 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Instrument :

BNA_M

ClientSampleId :

P003-SS003-0206-01

Tgt Ion: 94 Resp: 67052

Ion Ratio Lower Upper

94 100

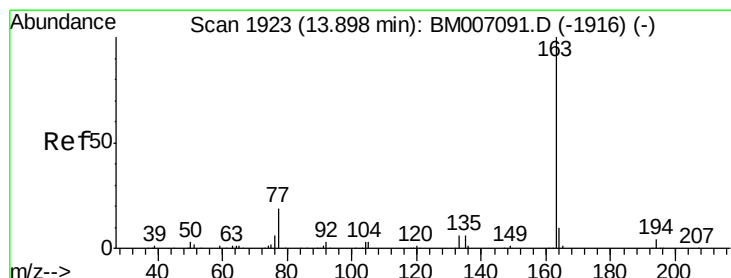
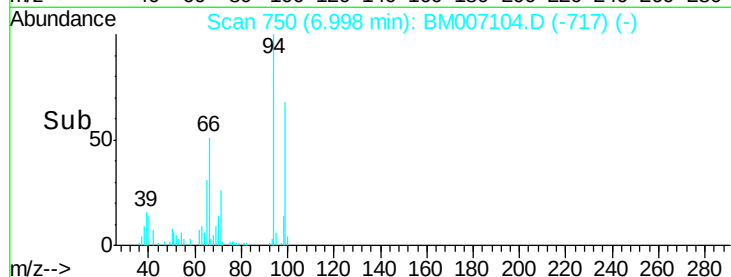
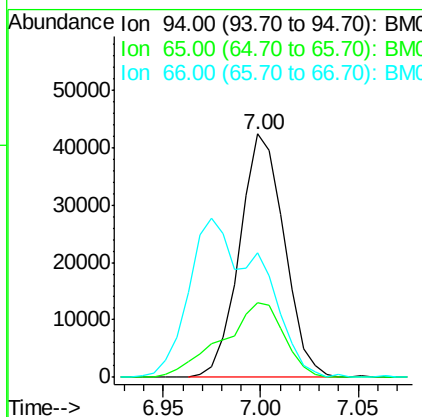
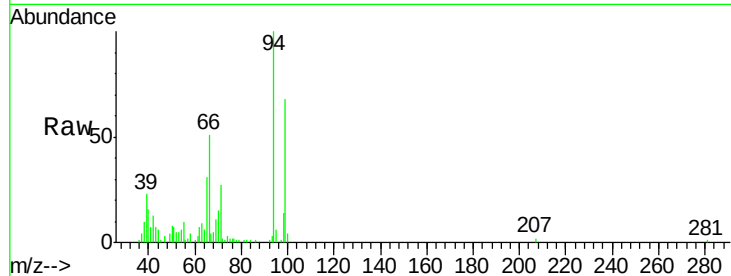
65 30.6 23.9 35.9

66 51.0 33.5 50.3#

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#44

Dimethylphthalate

Concen: 42.92 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

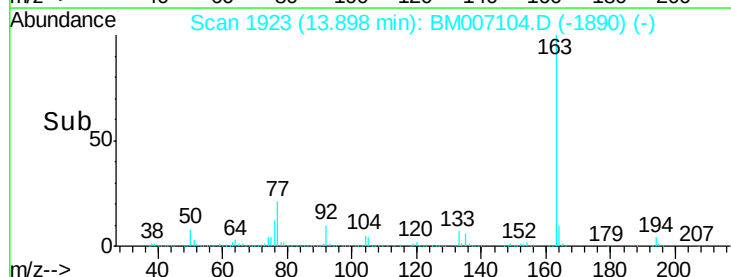
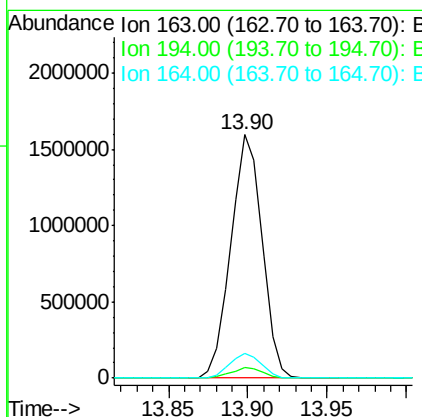
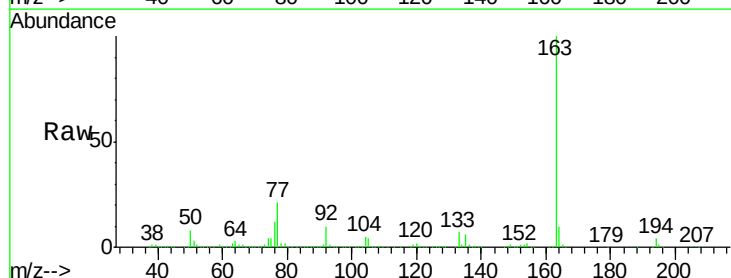
Tgt Ion: 163 Resp: 2178074

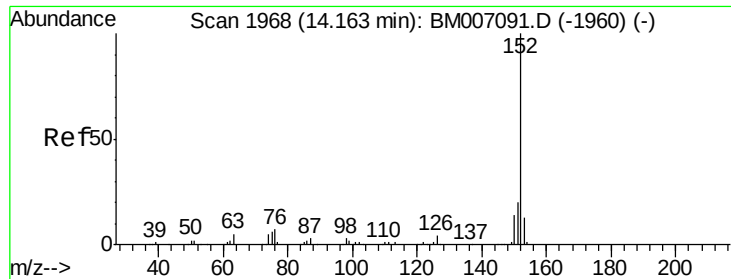
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.0 7.8 11.8





#47

Acenaphthylene

Concen: 5.55 ng/ul

RT: 14.16 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Instrument :

BNA_M

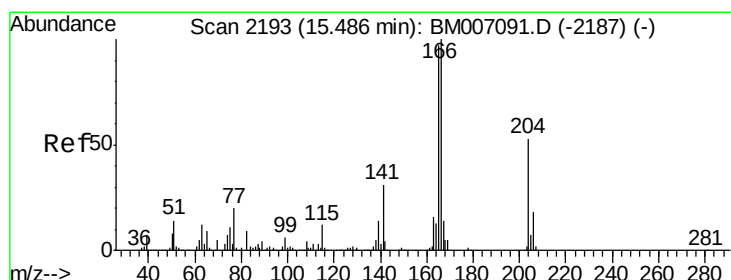
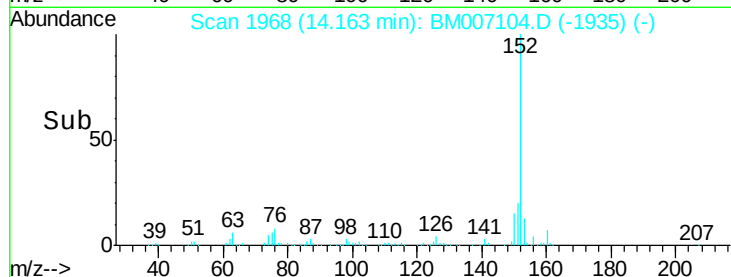
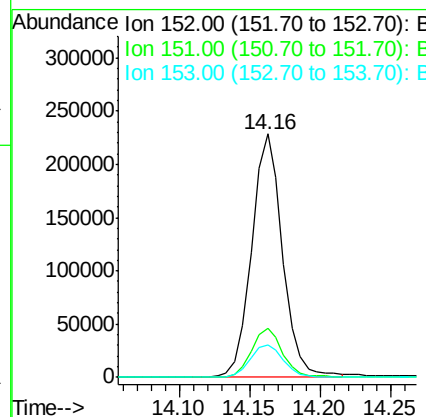
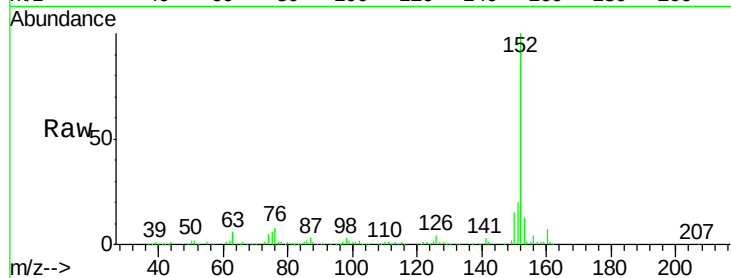
ClientSampleId :

P003-SS003-0206-01

Tgt Ion:	152	Resp:	348261
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.0	24.0
153	13.3	11.0	16.6

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#58

Fluorene

Concen: 1.24 ng/ul

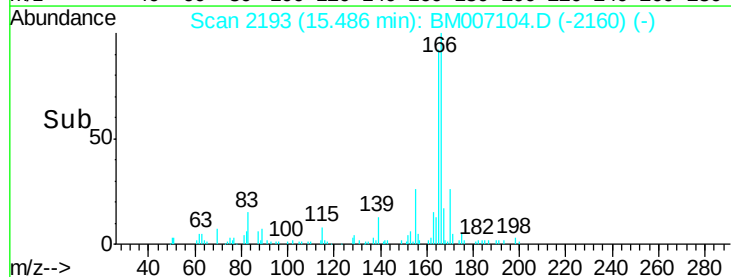
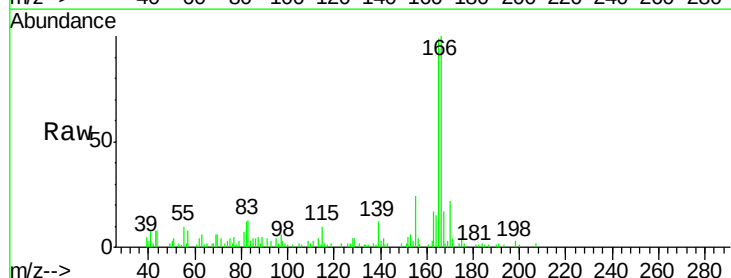
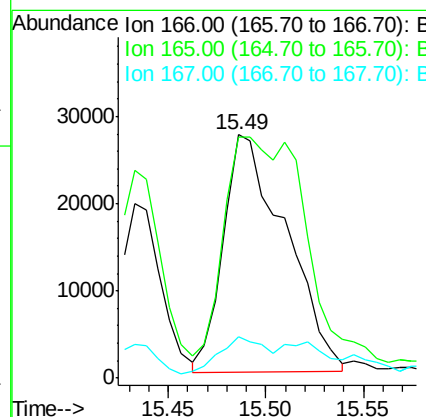
RT: 15.49 min Scan# 2193

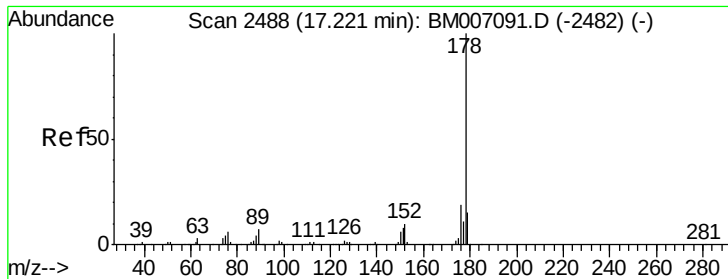
Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Tgt Ion:	166	Resp:	60452
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.9	119.9
167	16.9	10.5	15.7#





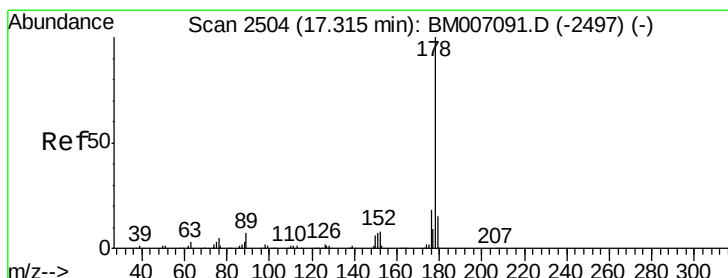
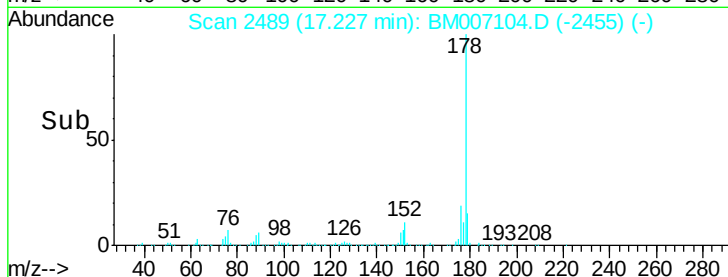
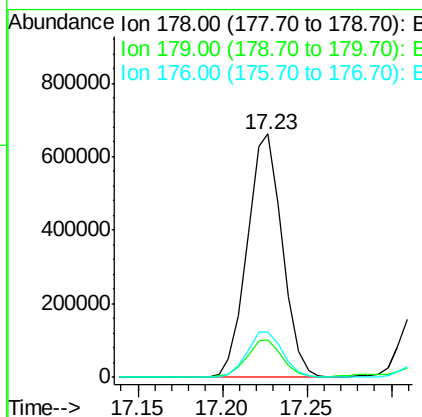
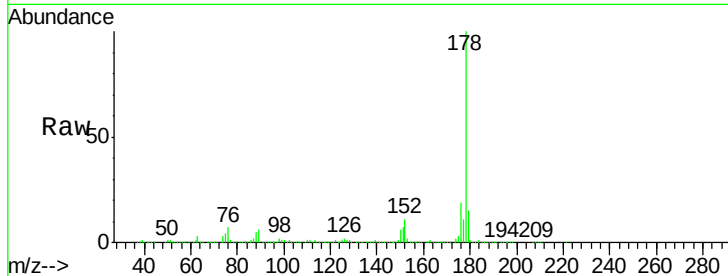
#69
 Phenanthrene
 Concen: 12.12 ng/ul
 RT: 17.23 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BM007104.D
 Acq: 14 Aug 2016 12:51

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-0206-01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.8	15.1	22.7

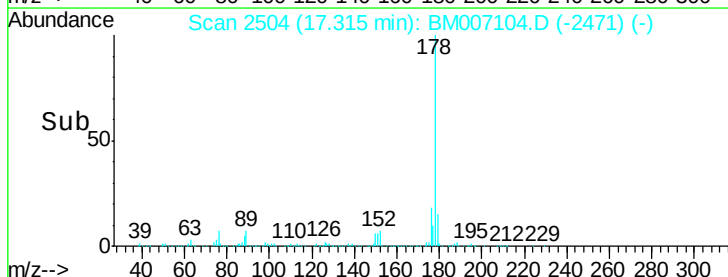
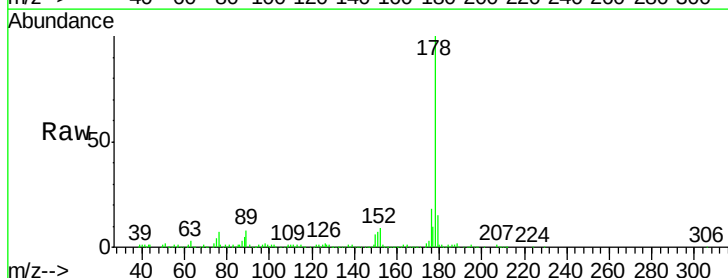
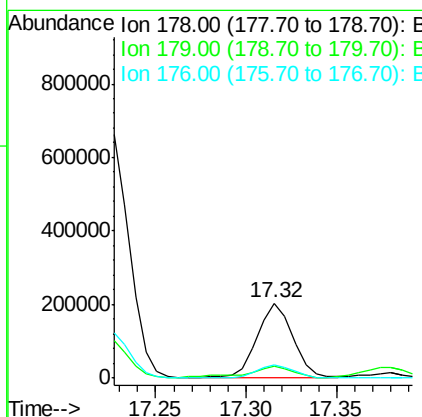
Manual Integrations
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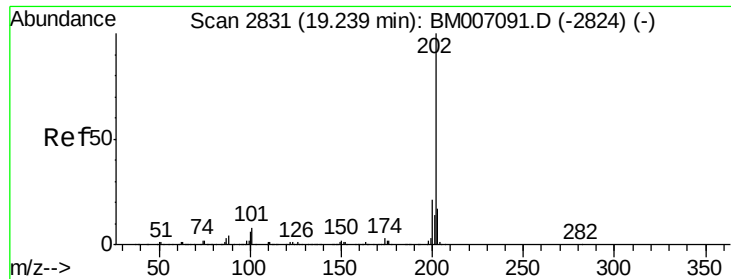
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#71
 Anthracene
 Concen: 3.47 ng/ul
 RT: 17.32 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BM007104.D
 Acq: 14 Aug 2016 12:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.3	14.5	21.7





#74

Fluoranthene

Concen: 18.48 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Instrument :

BNA_M

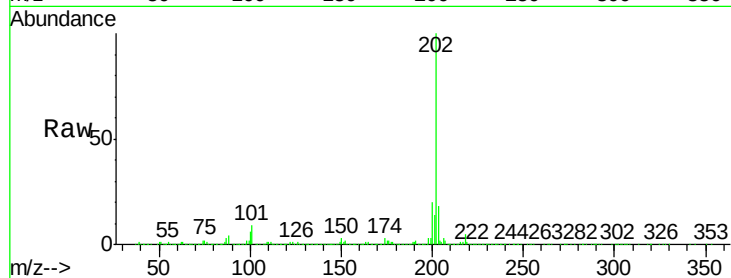
ClientSampleId :

P003-SS003-0206-01

Tgt Ion:	202	Resp:	1752819
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.9	10.3
100	6.5	5.4	8.0

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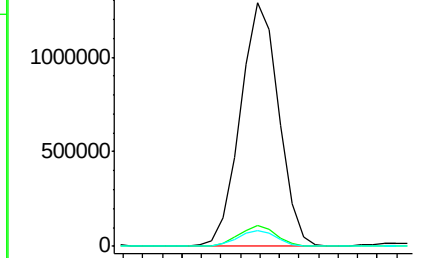
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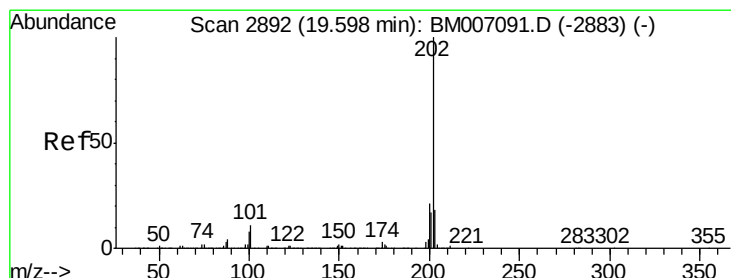
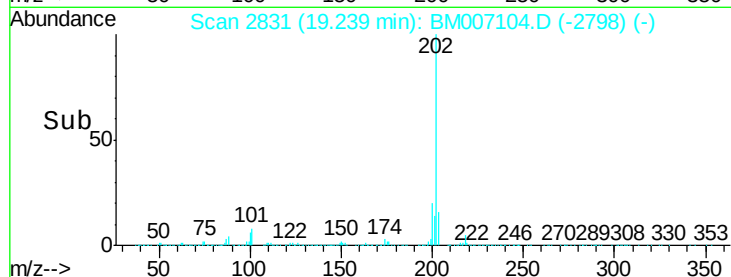
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 25.51 ng/ul

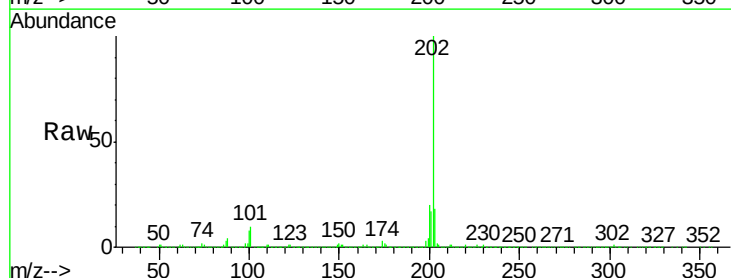
RT: 19.60 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

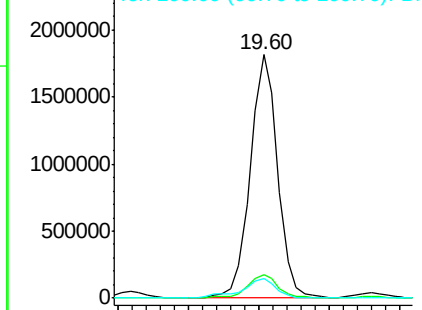
Tgt Ion:	202	Resp:	2453268
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.4	12.6
100	7.9	6.9	10.3



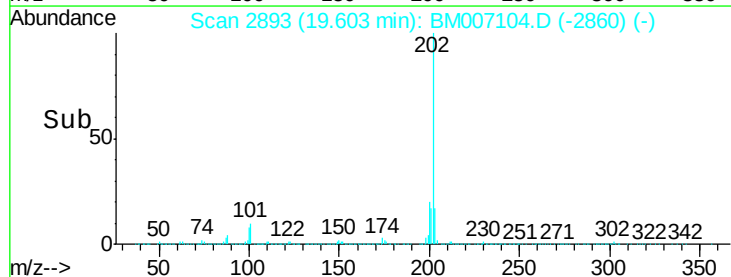
Abundance Ion 202.00 (201.70 to 202.70): E

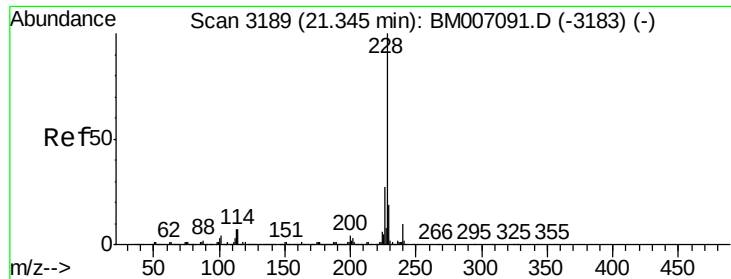
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 13.65 ng/ul m

RT: 21.35 min Scan# 3190

Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Instrument :

BNA_M

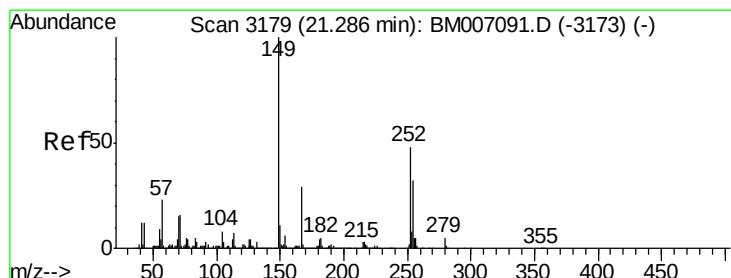
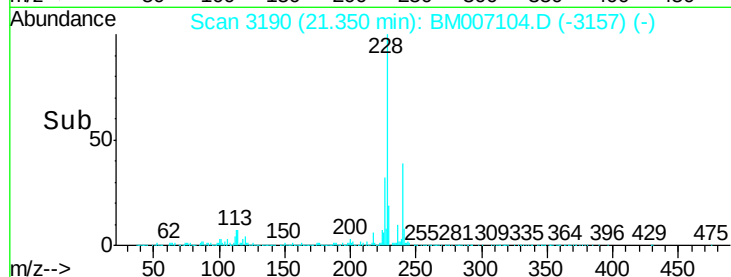
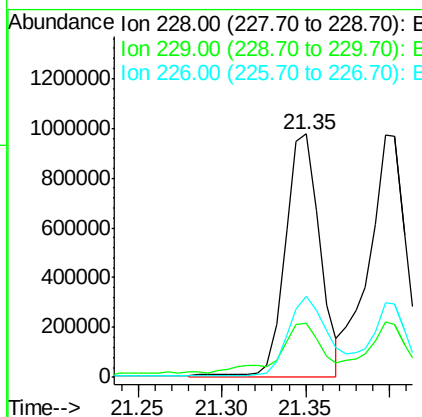
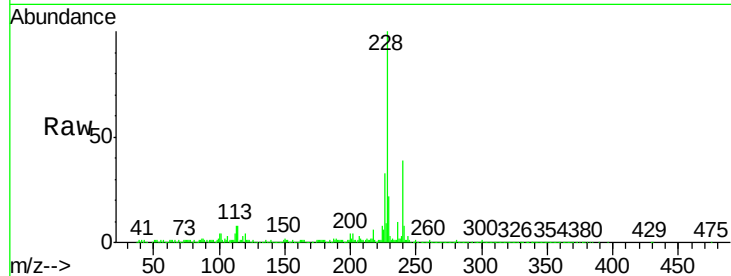
ClientSampleId :

P003-SS003-0206-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.6	23.4
226	33.3	21.8	32.8#

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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.91 ng/ul

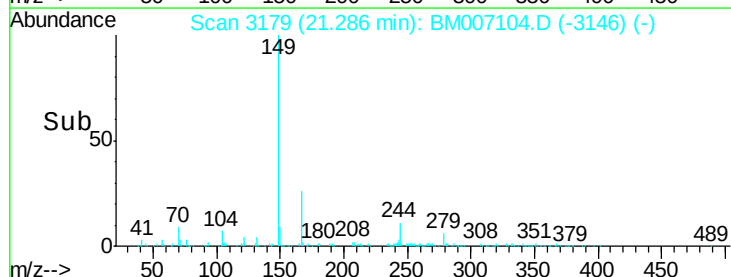
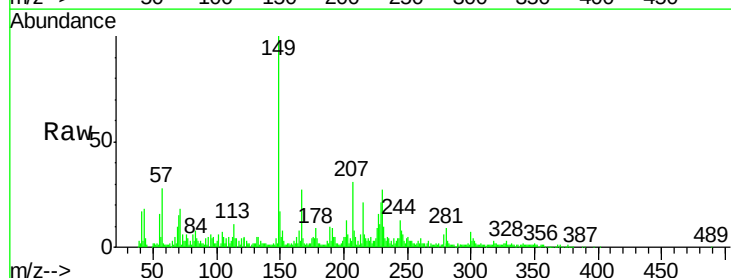
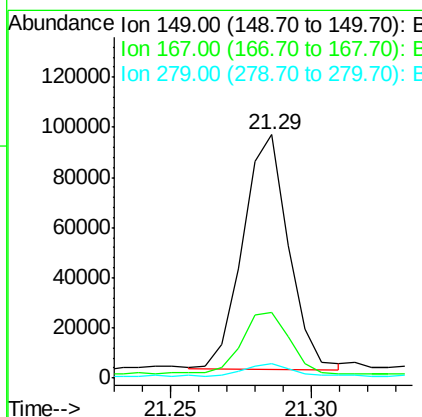
RT: 21.29 min Scan# 3179

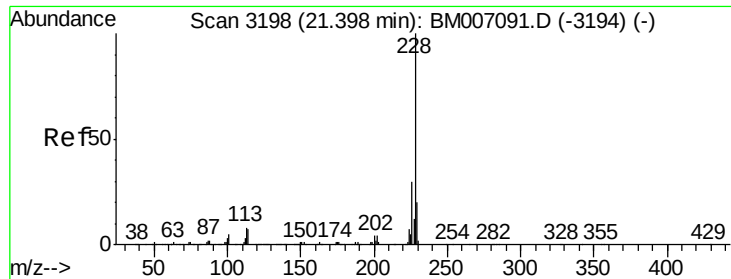
Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.2	34.8
279	6.2	4.1	6.1#





#82

Chrysene

Concen: 15.72 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Instrument :

BNA_M

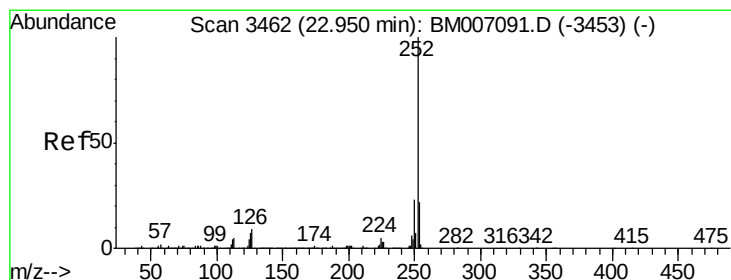
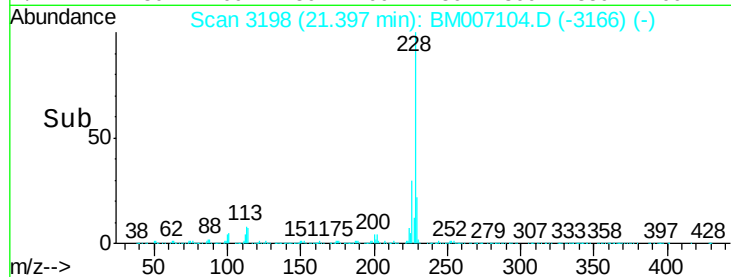
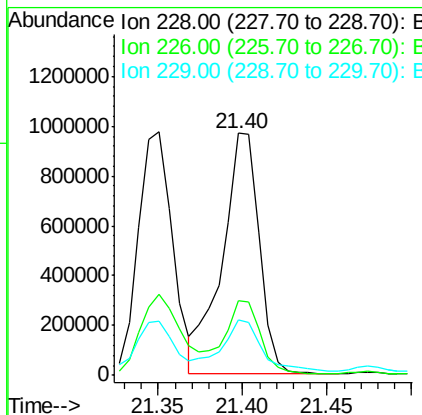
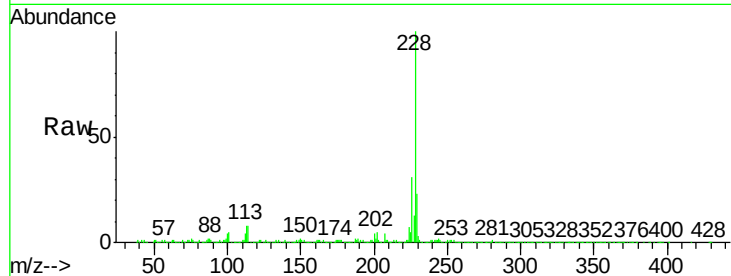
ClientSampleId :

P003-SS003-0206-01

Tgt Ion:	228	Resp:	1476054
Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.7	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 14.57 ng/ul

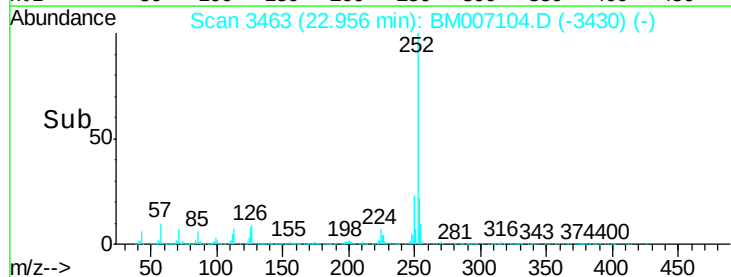
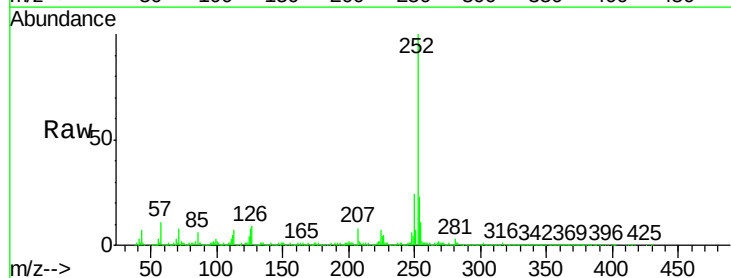
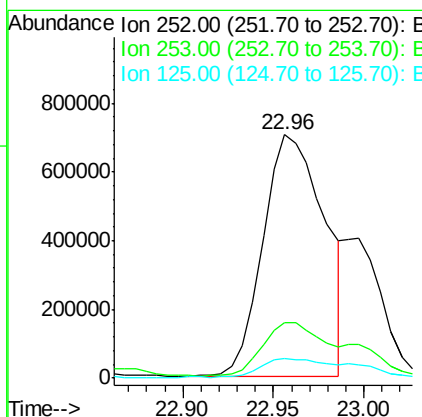
RT: 22.96 min Scan# 3463

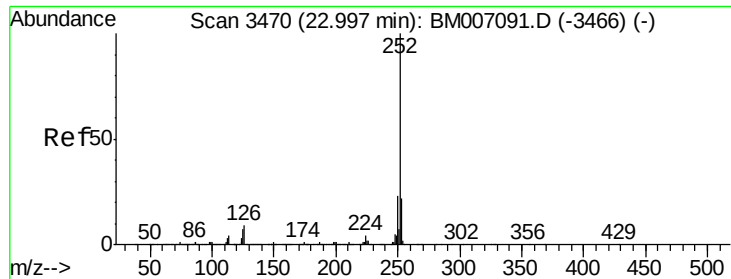
Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Tgt Ion:	252	Resp:	1663332
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	8.1	5.8	8.8





#86

Benzo(k)fluoranthene

Concen: 5.29 ng/ul m

RT: 23.00 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Instrument :

BNA_M

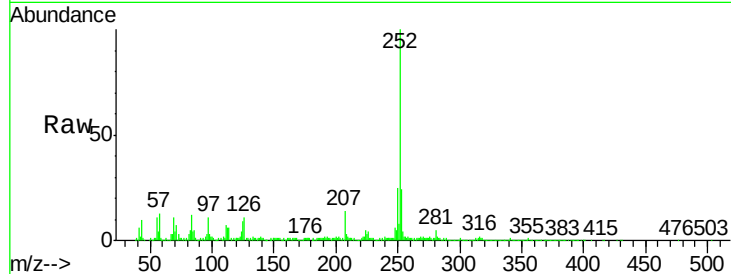
ClientSampleId :

P003-SS003-0206-01

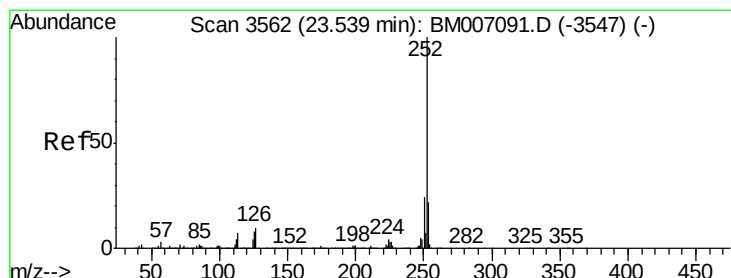
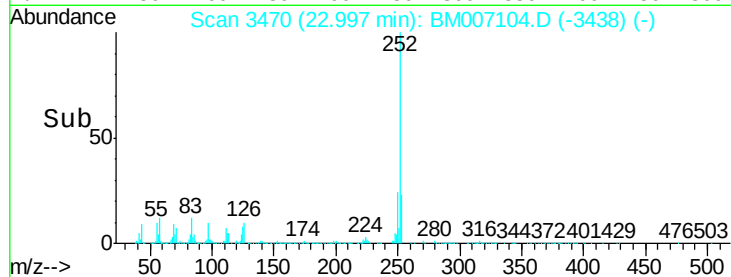
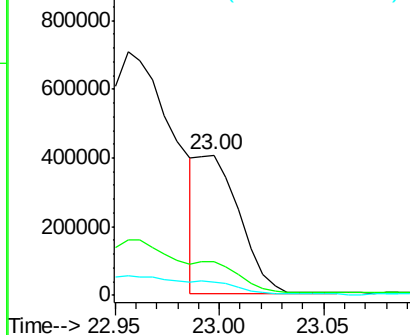
Tgt Ion:	252	Resp:	567233
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.6	26.4
125	9.1	5.7	8.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 12.60 ng/ul

RT: 23.54 min Scan# 3563

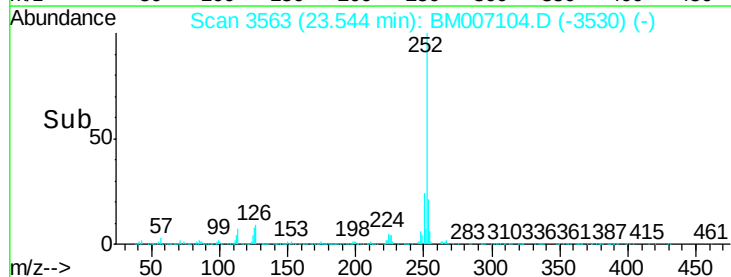
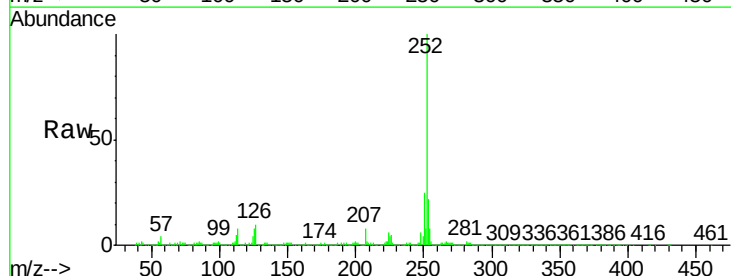
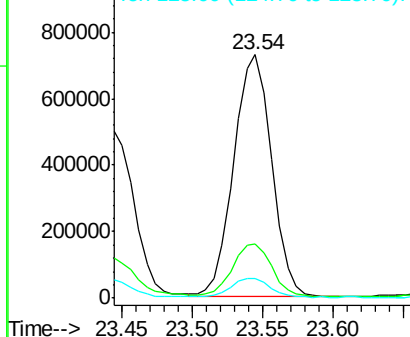
Delta R.T. -0.01 min

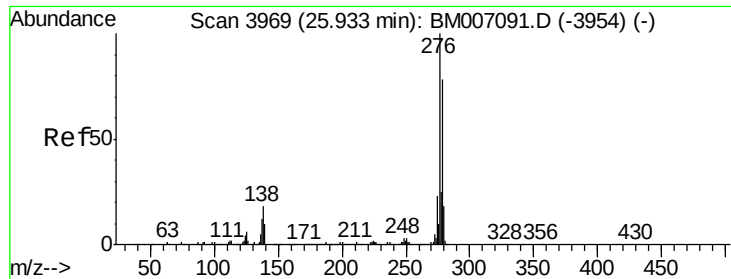
Lab File: BM007104.D

Acq: 14 Aug 2016 12:51

Tgt Ion:	252	Resp:	1363280
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	8.2	6.6	9.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





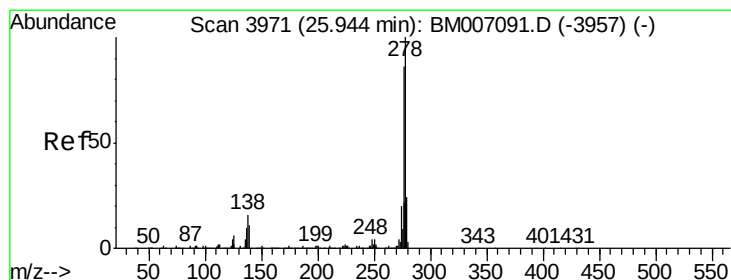
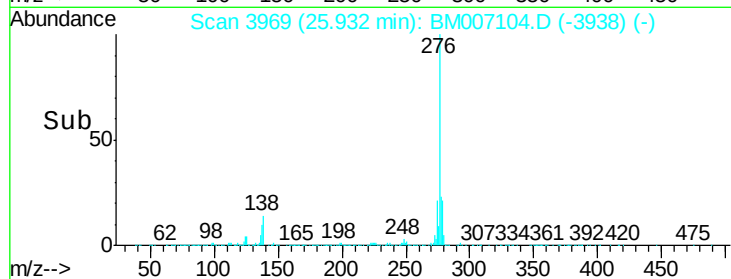
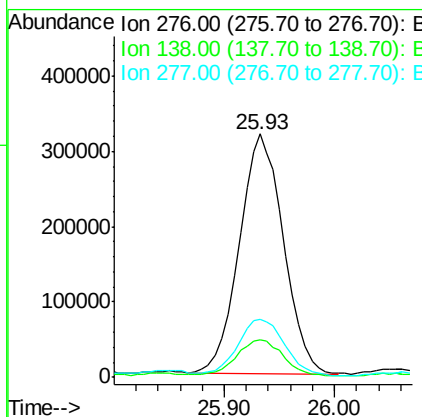
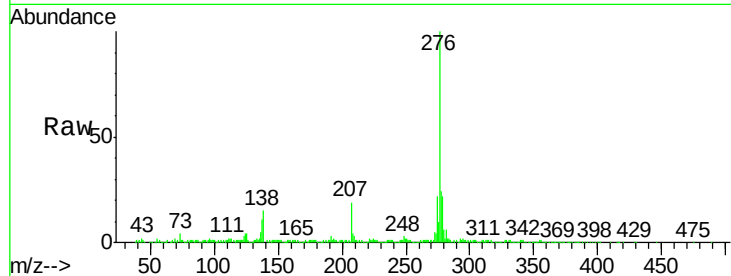
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.71 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.02 min
Lab File: BM007104.D
Acq: 14 Aug 2016 12:51

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0206-01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	889321		
138	15.2		13.9	20.9
277	24.0		20.1	30.1

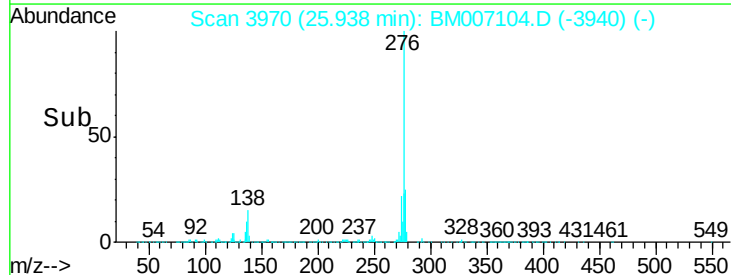
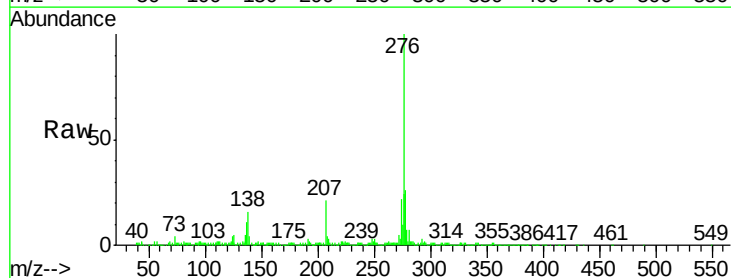
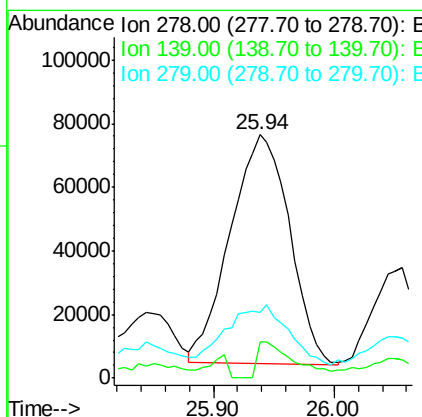
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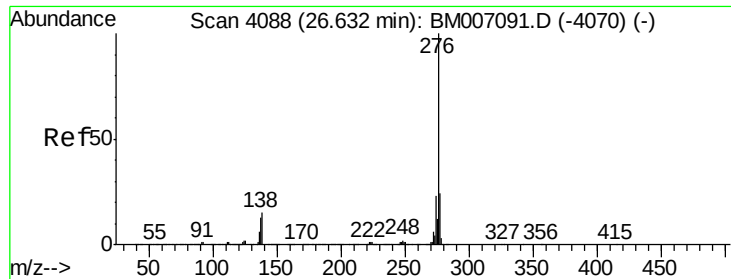
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#90
Dibenzo(a,h)anthracene
Concen: 2.21 ng/ul
RT: 25.94 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM007104.D
Acq: 14 Aug 2016 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	245477		
139	15.1		9.5	14.3#
279	27.2		19.1	28.7





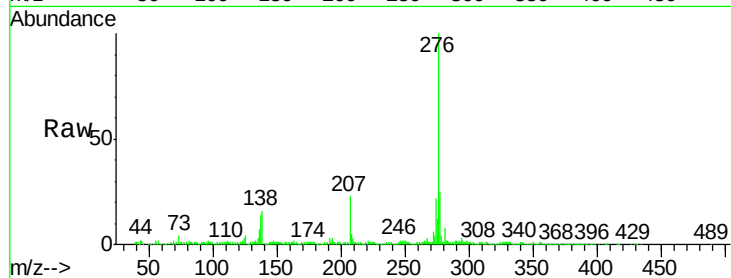
#91
 Benzo(g,h,i)perylene
 Concen: 7.39 ng/ul
 RT: 26.64 min Scan# 4089
 Delta R.T. -0.02 min
 Lab File: BM007104.D
 Acq: 14 Aug 2016 12:51

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-0206-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.5	20.3
277	24.8	19.3	28.9

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

